A. CLASSII IPC 7	GOATION OF SUBJECT MATTER GOAK9/00 G07C9/00	•						
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS		<del></del>						
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 G06K								
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched								
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  EPO-Internal, PAJ								
C. DOCUME	NTS CONSIDERED TO BE RELEVANT							
Calegory *	Citation of document, with indication, where appropriate, of the rek	evant passages	Relevant to claim No.					
X	FR 2 643 736 A (BERTUZZI NINO) 31 August 1990 (1990-08-31) the whole document	1-114						
х	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 04, 31 May 1995 (1995-05-31) & JP 07 028593 A (HITACHI LTD;0TH 31 January 1995 (1995-01-31) abstract	1-114						
X ,	US 3 955 178 A (WARFEL GEORGE H) 4 May 1976 (1976–05–04) the whole document	1-114						
X	US 4 122 435 A (GREENAWAY DAVID L 24 October 1978 (1978-10-24) the whole document 	1–114						
Furt	her documents are listed in the continuation of box C.	χ Palent family members are listed	in annex					
Special ca     A' docume consider     E' earlier filing consider     L' docume which citation     C' docume citation	imational filing date the application but acry underlying the claimed invention be considered to cument is taken alone claimed invention ventive step when the me other such docu-							
*O° document referring to an oral disclosure, use, exhibition or other means other means  *P° document published prior to the international filing date but later than the priority date claimed document member of the same patent.			us to a person skilled					
Date of the actual completion of the international search  Date of mailing of the international search			arch report					
1	6 January 2004	03/02/2004						
Name and (	malling address of the ISA  European Patent Office, P.B. 5618 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Authorized officer Sonius, M						



nformation on patent family members

International Ideation No PCT/EP 03/09814

Patent document dited in search report	:	Publication date		Patent family member(s)	Publication date
FR 2643736	A	31-08-1990	FR	2643736 A1	31-08-1990
JP 07028593	Α	31-01-1995	JP	3310398 B2	05-08-2002
US 3955178	Α	04-05-1976	NONE		
US 4122435	A	24-10-1978	CH DE FR IT JP JP JP	585437 A5 2525332 A1 2310597 A1 1059764 B 1118740 C 51146148 A 57008502 B	28-02-1977 21-10-1976 03-12-1976 21-06-1982 28-10-1982 15-12-1976 17-02-1982

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER G06K9/00 G07C9/00							
• ,	22.00, 00							
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 G06K								
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched								
Electronic d	ata base consulted during the international search (name of data ba	se and, where practical, search terms used)	)					
EPO-Internal, PAJ								
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with Indication, where appropriate, of the re-	levant passages	Relevant to claim No.					
X	FR 2 643 736 A (BERTUZZI NINO) 31 August 1990 (1990-08-31) the whole document		1-114					
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 04, 31 May 1995 (1995-05-31) & JP 07 028593 A (HITACHI LTD;OTI	1–114						
	31 January 1995 (1995-01-31) abstract 							
Χ,	US 3 955 178 A (WARFEL GEORGE H) 4 May 1976 (1976–05–04) the whole document	1-114						
X	US 4 122 435 A (GREENAWAY DAVID   24 October 1978 (1978-10-24) the whole document 	1-114						
Further documents are listed in the continuation of box C.  Palent family members are listed in annex.								
Special categories of cited documents:								
consid	ent defining the general stale of the art which is not dered to be of particular relevance	dted to understand the principle or the invention						
filing o		X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to						
"L" docurrent which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" docurrent of particular relevance; the claimed invention cannot be considered to involve an inventive step who								
other	ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but	document is combined with one or more other such docu- ments, such combination being obvious to a person skilled in the art.						
tater t	han the priority date claimed	&' document member of the same patent family						
Date of the ectual completion of the international search  Date of mailing of the international search report								
1	6 January 2004	03/02/2004						
Name and	malling address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer						
NL – 2260 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016		Sonius, M						